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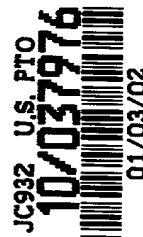
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SIDLEY AUSTIN BROWN & WOOD LLP

CHICAGO
LOS ANGELES
NEW YORK
SAN FRANCISCO
SEATTLE
WASHINGTON, D.C.

717 NORTH HARWOOD
SUITE 3400
DALLAS, TEXAS 75201
TELEPHONE 214 981 3300
FACSIMILE 214 981 3400
www.sidley.com
FOUNDED 1866

BEIJING
HONG KONG
LONDON
SHANGHAI
SINGAPORE
TOKYO



WRITER'S DIRECT NUMBER
(214) 981-3328

WRITER'S E-MAIL ADDRESS
pplap@sidley.com

January 3, 2002

BOX PATENT APPLICATION
Assistant Director For Patents
Washington, D.C. 20231

EXPRESS MAIL MAILING LABEL NO.: EL 794568199 US
DATE OF DEPOSIT JANUARY 3, 2002
I hereby certify that this paper or fee is being deposited with the
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addressed to BOX PATENT APPLICATION, Assistant Director for
Patents, Washington, DC 20231

Derrick T. Gordon

Name of Person Mailing Paper or Fee

Derrick T. Gordon
Signature

January 3, 2002
Date of Signature

Re: New U.S. Patent Application
OPTICAL SWITCH
By: Naoki NISHIDA, Takuji HATANO, Koji TAKAHARA,
Shinji MARUYAMA, Miyuki TERAMOTO and Koujiro SEKINE
Attorney Docket: 15162/04220

Dear Sir:

Enclosed for filing are the following papers relating to
OPTICAL SWITCH, Naoki NISHIDA, Takuji HATANO, Koji TAKAHARA,
Shinji MARUYAMA, Miyuki TERAMOTO and Koujiro SEKINE, inventors:

- (1) Specification (20 pages, including 14 claims and an abstract);
- (2) Unexecuted Declaration and Power of Attorney (11 pages);
- (3) Formal Drawings (9 sheets);
- (4) Transmittal letter (1 page) with PrintEFS Patent Application Bibliographic Data (3 pages);

Assistant Director For Patents

January 3, 2002

Page 2

- (5) Transmittal letter (1 page) with Certified Copy of Priority Document (28 pages); and
- (6) Information Disclosure Statement (2 pages) with attached PTO-1449 form (1 page) and copies of the cited references (3 references).

The amount of the filing fee is calculated below:

			Fee for small entity			Fee for other than small entity	
Fee	No. filed	No. extra *	Rate	Fee	OR	Rate	Fee
Basic fee				\$370	OR		\$740
Total claims	14-20=	0	X \$9=	\$0	OR	X \$18=	\$-0-
Independent claims	2-3=	0	X \$42=	\$0	OR	X \$84=	\$-0-
Multiple Dependent Claim Presented	0	0	+\$140=	\$0	OR	+\$280=	\$-0-
			Total	\$0	OR	Total	\$740

*If the difference in Column 1 is less than zero, enter "0" in Column 2.

Please charge the required fee (\$740.00 for the application filing fee) to Sidley Austin Brown & Wood LLP's Deposit Account No. 18-1260. If additional fees are due, please charge any fees during the pendency of this application (other than the issue fee) to Deposit Account No. 18-1260. Please credit any overpayment to Deposit Account No. 18-1260.

This transmittal letter is being filed in duplicate.

SIDLEY AUSTIN BROWN & WOOD LLP

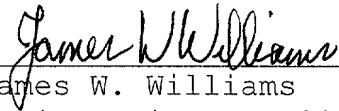
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Assistant Director For Patents
January 3, 2002
Page 3

All correspondence is to be directed to the address
associated with the customer number 24367.

Respectfully submitted,

By:



James W. Williams
Registration No. 20,047
Attorney for Applicants

JWW/rb
Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

U.S. application: Naoki NISHIDA, Takuji HATANO, Koji
TAKAHARA, Shinji MARUYAMA, Miyuki
TERAMOTO and Koujiro SEKINE
For: OPTICAL SWITCH
U.S. Serial No.: To Be Assigned
Filed: Concurrently
Group Art Unit: To Be Assigned
Examiner: To Be Assigned

BOX PATENT APPLICATION
Assistant Director
for Patents
Washington, D.C. 20231

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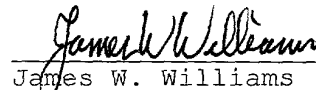
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TRANSMITTAL OF PrintEFS PATENT APPLICATION

BIBLIOGRAPHIC DATA

Submitted herewith is bibliographic data (3 pages) for the
above-identified application, in the PrintEFS Version 1.0.1
program format.

Respectfully submitted,



James W. Williams
Registration No. 20,047
Attorney for Applicants

JWW/rb
SIDLEY AUSTIN BROWN & WOOD LLP
717 North Harwood
Suite 3400
Dallas, Texas 75201-6507
(214) 981-3328 (direct)
(214) 981-3300 (main)
January 3, 2002